RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _____ *10/575,649A* _____
Source: _____ *IFWO* _____
Date Processed by STIC: _____ *02/22/2007* _____

ENTERED

RAW SEQUENCE LISTING   DATE: 02/22/2007
PATENT APPLICATION: US/10/575,649A TIME: 13:35:03

Input Set : E:\22327 Sequence Listing.txt
Output Set: N:\CRF4\02222007\J575649A.raw

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   3 <110> APPLICANT: Roche Molecular Systems
   5 <120> TITLE OF INVENTION: Method for Distinguishing Who Classified AML Subtypes
   7 <130> FILE REFERENCE: 22327-US
   9 <140> CURRENT APPLICATION NUMBER: US 10/575,649A
C--> 10 <141> CURRENT FILING DATE: 2006-04-14
  12 <150> PRIOR APPLICATION NUMBER: PCT/EP2004/012471
  13 <151> PRIOR FILING DATE: 2003-11-04
  15 <160> NUMBER OF SEQ ID NOS: 239
  17 <170> SOFTWARE: PatentIn version 3.4
  19 <210> SEQ ID NO: 1
  20 <211> LENGTH: 491
  21 <212> TYPE: DNA
  22 <213> ORGANISM: Homo sapiens
  25 <220> FEATURE:
  26 <221> NAME/KEY: misc_feature
  27 <223> OTHER INFORMATION: n = any nucleotide
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  32 aagaaacaga acactggctc aaagaaaagc aataaaaata agagtggcaa gaaccagttt     120
  34 aacagaggtg gtggccatag aggacgtgga ggattcaata tgcgtggtgg aaatttcaga     180
  36 ggaggagccc ctgggaatcg tggcggatat aataggaggg gcaacatgcc acagagaggt     240
  38 ggtggcggtg gaggaagtgg tggaatcggc tatccatacc ctcgtgcccc tgttttttcct    300
  40 ggccgtggta gttactcaaa cagagggaac tacaacagag gtggaatgcc caacagaggg     360
  42 aactacaacc agaacttcag aggacgagga aacaatcgtg ctacaaaaa tcaatctcag      420
  44 ggctacaacc agtggcagca gggtcaattc tggggtcaga agccatggag tcagcattat     480
  46 caccaaggat a                                                          491
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  50 <211> LENGTH: 307
  51 <212> TYPE: DNA
  52 <213> ORGANISM: Homo sapiens
  54 <400> SEQUENCE: 2
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  57 cgctttctac actgtattac ataaataaat taaataaaat aaccccgggc aagacttttc     120
  59 tttgaaggat gactacagac attaaataat cgaagtaatt ttgggtgggg agaagaggca     180
  61 gattcaattt tctttaacca gtctgaagtt tcatttatga tacaaaagaa gatgaaaatg     240
  63 gaagtggcaa tataagggga tgaggaaggc atgcctggac aaacccttct tttaagatgt     300
  65 gtcttca                                                               307
  68 <210> SEQ ID NO: 3
  69 <211> LENGTH: 519
  70 <212> TYPE: DNA
  71 <213> ORGANISM: Homo sapiens
  73 <400> SEQUENCE: 3
  74 gtttggaact ttaatagcgt tgcaacgaaa tcctatatcc agtttcctgt aatttaattg      60
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Input Set : E:\22327 Sequence Listing.txt
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76  aagaaaaata catccaaata aagactttat tattaacaga ccagatagca tcagaaatca      120
78  tgtgactgtt atgattatca gaatatgtct taactttta  gggcaaagtt aacactgaaa      180
80  gttctagctt aagtgttgaa acttttgtgg gaaaaaaaaa tcacttttga aactcagact      240
82  tcagtgtata cccaataatt taaaattatg tgaaatgttt taaatttgtg aactcgtaat      300
84  tactgtttta atgattcagt ttcttcagag tggtaattgt ataaaattgc tattgcagct      360
86  ttatattcaa tatgatgtgc ctgtaaacca aggagttttc cccgtttgta aaaagacatt      420
88  gtagataatt gaatgtttga ttttagaaag gtcattagtt tcttgttaca cattttgtta      480
90  gtctggtttt tgttgcttat cgggtttaat attgttctt                            519
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94 <211> LENGTH: 140
95 <212> TYPE: DNA
96 <213> ORGANISM: Homo sapiens
98 <400> SEQUENCE: 4

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101 tctattctct aaataatgat ggggctaagt tatacccaaa gctcacttta caaaatattt      120
103 cctcagtact ttgcagaaaa                                                  140
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106 <210> SEQ ID NO: 5
107 <211> LENGTH: 425
108 <212> TYPE: DNA
109 <213> ORGANISM: Homo sapiens
111 <400> SEQUENCE: 5

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114 ccttttatc  tgatctgtga ttaaagcagt aatattttaa gatggactgg gaaaaacatc     120
116 aactcctgaa gttagaaata agaatggttt gtaaaatcca cagctatatc ctgatgctgg      180
118 atggtattaa tcttgtgtag tcttcaactg gttagtgtga aatagttctg ccacctctga      240
120 cgcaccactg ccaatgctgt acgtactgca tttgcccctt gagccaggtg gatgtttacc      300
122 gtgtgttata taacttcctg gctccttcac tgaacatgcc tagtccaaca tttttttccca     360
124 gtgagtcaca tcctgggatc cagtgtataa atccaatatc atgtcttgtg cataattctt      420
126 ccaaa                                                                  425
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129 <210> SEQ ID NO: 6
130 <211> LENGTH: 454
131 <212> TYPE: DNA
132 <213> ORGANISM: Homo sapiens
134 <400> SEQUENCE: 6

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137 gtgggtgtct tgtgtccgct tctcgcccaa cagcagcaac cctatcatcg tctcctgtgg     120
139 ctgggacaag ctggtcaagg tatggaacct ggctaactgc aagctgaaga ccaaccacat     180
141 tggccacaca ggctatctga acacggtgac tgtctctcca gatggatccc tctgtgcttc     240
143 tggaggcaag gatggccagg ccatgttatg ggatctcaac gaaggcaaac acctttacac     300
145 gctagatggt ggggacatca tcaacgccct gtgcttcagc cctaaccgct actggctgtg     360
147 tgctgccaca ggccccagca tcaagatctg ggatttagag ggaaagatca ttgtagatga     420
149 actgaagcaa gaagttatca gtaccagcag caag                                 454
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152 <210> SEQ ID NO: 7
153 <211> LENGTH: 373
154 <212> TYPE: DNA
155 <213> ORGANISM: Homo sapiens
157 <400> SEQUENCE: 7

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160 agggacggag ccggactgga catggtcact cagtaccgcc tgcagtgtcg ccatgactga     120
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Input Set : E:\22327 Sequence Listing.txt
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162 tcatggctct tgcatttttg ggtaaatgga gacttccgga tcctgtcagg gtgtcccca    180
164 tgcctggaag aggagctggt ggctgccagc cctggcggcg gcacagcctg ggcctccct    240
166 tccctcaagc cagggctcct cctcctgtcg tgggctcatt tgccaggctc aggccaggtc    300
168 tggacagctg tgactctcct caagccagga ctaccgacca gccggctatg ggcacattac    360
170 gtgaccactg gcc                                                        373
173 <210> SEQ ID NO: 8
174 <211> LENGTH: 494
175 <212> TYPE: DNA
176 <213> ORGANISM: Homo sapiens
178 <400> SEQUENCE: 8
179 agtgccgaca ggacggtcat tgattacaac ggggaacgca cgctggatgg ttttaagaaa    60
181 ttcctagaga gcggtggcca agatggggca ggggatgttg acgacctcga ggacctcgaa   120
183 gaagcagagg agccagacat ggaggaagac gatgaccaga aagctgtgaa agatgaactg   180
185 taatacgcaa agccggaccc gggcgctgcc gagacccctc gggggctgca cacccagcag   240
187 cagcgcacgc ctccgaagcc tgcggcctcg cttgaaggag ggcgtcgccg gaaacccaag   300
189 gaacctctct gaagtgacac ctcacccta cacaccgtcc gttcaccccc gtctcttcct    360
191 tctgcttttc ggttttgga aaacccggat cctactctag gcagcccacc ttggtgggct    420
193 tgtttcctga aaccatgatg tacttttca tacatgagtc tgtccagagt gcttgctacc    480
195 gtgttcggag tctc                                                      494
198 <210> SEQ ID NO: 9
199 <211> LENGTH: 434
200 <212> TYPE: DNA
201 <213> ORGANISM: Homo sapiens
203 <400> SEQUENCE: 9
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206 tcgtcatcag ctggatgatc gcacagactg tcactgctgt tgccgggttg acttcctatc   120
208 catttgacac cgttcgccgc cgcatgatga tgcagtcagg gcgcaaagga actgacatca   180
210 tgtacacagg cacgcttgac tgctggcgga agattgctcg tgatgaagga ggcaaagctt   240
212 ttttcaaggg tgcatggtcc aatgttctca gaggcatggg tggtgctttt gtgcttgtct   300
214 tgtatgatga aatcaagaag tacacataag ttatttccta ggattttcc ccctgtgaac    360
216 aggcatgttg tattctataa cacaatcttg agcattcttg acagactcct ggctgtcagt   420
218 ttctcagtgg caac                                                      434
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222 <211> LENGTH: 416
223 <212> TYPE: DNA
224 <213> ORGANISM: Homo sapiens
226 <400> SEQUENCE: 10
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229 tgcagggctt ctcctcctct gtcttttgga gaaccagggc tcttctcagg ggctctaggg   120
231 actgccaggc tgtttcagcc aggaaggcca aaatcaagag tgagatgtag aaagttgtaa   180
233 aatagaaaaa gtggagttgg tgaatcggtt gttctttcct cacatttgga tgattgtcat   240
235 aaggttttta gcatgttcct ccttttcttc accctcccct ttgttcttct attaatcaag   300
237 agaaacttca aagttaatgg gatggtcgga tctcacaggc tgagaactcg ttcacctcca   360
239 agcatttcat gaaaaagctg cttcttatta atcatacaaa ctctcaccat gatgtg        416
242 <210> SEQ ID NO: 11
243 <211> LENGTH: 415
244 <212> TYPE: DNA
245 <213> ORGANISM: Homo sapiens
247 <400> SEQUENCE: 11
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Input Set : **E:\22327 Sequence Listing.txt**
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248 accccttgtg aagcccaaga tcgtcaaaaa gagaaccaag aagttcatcc ggcaccagtc    60
250 agaccgatat gtcaaaatta agcgtaactg gcggaaaccc agaggcattg acaacagggt   120
252 tcgtagaaga ttcaagggcc agatcttgat gcccaacatt ggttatggaa gcaacaaaaa   180
254 aacaaagcac atgctgccca gtggcttccg gaagttcctg gtccacaacg tcaaggagct   240
256 ggaagtgctg ctgatgtgca acaaatctta ctgtgccgag atcgctcaca atgtttcctc   300
258 caagaaccgc aaagccatcg tggaaagagc tgcccaactg gccatcagag tcaccaaccc   360
260 caatgccagg ctgcgcagtg aagaaaatga gtaggcagct catgtgcacg ttttc         415
263 <210> SEQ ID NO: 12
264 <211> LENGTH: 423
265 <212> TYPE: DNA
266 <213> ORGANISM: Homo sapiens
268 <400> SEQUENCE: 12
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271 aaggaaaaaa agaaaaaaac cttatctctt gcccttattt tgaattttcc actctttcat   120
273 taatttgttt taagctcctg ttggaaaaaa aggggtagtg cattttaaat tgaccttcat   180
275 acgctttttaa aataagacaa atctacttga taatgtacct ttatttgatc tcaagttgta   240
277 taaaaccaat aaatttgtgt tactgcagta gtaatcttat gcacacggtg atttcatgtt   300
279 atatatgcaa agtaggcaac tgttttctta gttacagaag tttcaagctt cacttttgtg   360
281 cagtagaaac aaaagtaggc tacagtctgt gccatgttga tgtacagttt ctgaaattgt   420
283 ttt                                                                  423
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287 <211> LENGTH: 358
288 <212> TYPE: DNA
289 <213> ORGANISM: Homo sapiens
291 <400> SEQUENCE: 13
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294 aaaagacaga agccttgact tctgctaagc ggtacatcga gacggaccca gccaatcggg   120
296 atcggcggac gcccatcacc gtggtgaagc aaggctttga gcctccctcc tttgtgggct   180
298 ggttccttgg ctgggatgat gattactggt ctgtggaccc cttggacagg gccatggctg   240
300 agctggctgc ctgaggaggg gcagggccca cccatgtcac cggtcagtgc cttttggaac   300
302 tgtccttccc tcaaagaggc cttagagcga gcagagcagc tctgctatga gtgtgtgt     358
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306 <211> LENGTH: 529
307 <212> TYPE: DNA
308 <213> ORGANISM: Homo sapiens
310 <400> SEQUENCE: 14
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315 agggtgctcg gacagaattc ttaccacagc aaaggcataa gatgcttgat acggaaaatc   180
317 agaaacttaa ctcttttgtt gcagatagtc atcagtggct ctgtaaaaac gcagaggaaa   240
319 agagccagaa ggtttctgtt taatgcatct tgccttatct ttttttatta ctgtgtacaa   300
321 agattttttt acacaaagaa acttaatgct gtattaataa attcagtgtg tagcttcaat   360
323 tgggatagtt ccaaaagtga agattttgtg aggaataagt gcaaattttt tttttatttt   420
325 aaaaaattct ttgaaactct taagtctttg tgtctgcaat gaaattgtac tccttgacag   480
327 ttgatagatt atgtattctt ccatccctca aacttgcatt ccactatat              529
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331 <211> LENGTH: 529
332 <212> TYPE: DNA
333 <213> ORGANISM: Homo sapiens
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340 tatccgggtg cggctccacc ccttccacgt catccgcatc aacaagatgt tgtcctgtgc     180
342 tggggctgac aggctccaaa caggcatgcg aggtgccttt ggaaagcccc agggcactgt     240
344 ggccagggtt cacattggcc aagttatcat gtccatccgc accaagctgc agaacaagga     300
346 gcatgtgatt gaggccctgc gcagggccaa gttcaagttt cctggccgcc agaagatcca     360
348 catctcaaag aagtggggct tcaccaagtt caatgctgat gaatttgaag acatggtggc     420
350 tgaaaagcgg ctcatcccag atggctgtgg ggtcaagtac atccccagtc gtggccctct     480
352 ggacaagtgg cgggccctgc actcatgagg cttccaatg tgctgcccc                   529
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356 <211> LENGTH: 393
357 <212> TYPE: DNA
358 <213> ORGANISM: Homo sapiens
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363 gtgggctgct ctgttcataa gggctttgcc ttcgttcagt atgttaatga gagaaatgcc     120
365 cgggctgctg tagcaggaga ggatggcaga atgattgctg gccaggtttt agatattaac     180
367 ctggctgcag agccaaaagt gaaccgagga aaagcaggtg tgaaacgatc tgcagcggag     240
369 atgtacggct cctcttttga cttggactat gactttcaac gggactatta tgataggatg     300
371 tacagttacc cagcacgtgt acctcctcct cctcctattg ctcgggctgt agtgccctcg     360
373 aaacgtcagc gtgtatcagg aaacacttca cga                                  393
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377 <211> LENGTH: 496
378 <212> TYPE: DNA
379 <213> ORGANISM: Homo sapiens
381 <400> SEQUENCE: 17
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384 gccaggtata atgtaacttc accccagcct ttgtactaag ctcttgatag tggatatact     120
386 cttttaagtt tagccccaat atagggtaat ggaaatttcc tgccctctgg gttccccatt     180
388 tttactatta agaagaccag tgataattta ataatgccac caactctggc ttagttaagt     240
390 gagagtgtga actgtgtggc aagagagcct cacacctcac taggtgcaga gagcccaggc     300
392 cttatgttaa aatcatgcac ttgaaaagca aaccttaatc tgcaaagaca gcagcaagca     360
394 ttatacggtc atcttgaatg atccctttga aattttttt ttgtttgttt gtttaaatca     420
396 agcctgaggc tggtgaacag tagctacaca cccatattgt gtgttctgtg aatgctagct     480
398 ctcttgaatt tggata                                                     496
401 <210> SEQ ID NO: 18
402 <211> LENGTH: 534
403 <212> TYPE: DNA
404 <213> ORGANISM: Homo sapiens
406 <400> SEQUENCE: 18
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409 tccaggcagc caagaacttg atgaatgctg tggtgcagac agtgaaggca tcctacgtcg     120
411 cctctaccaa ataccaaaag tcacagggta tggcttccct caaccttcct gctgtgtcat     180
413 ggaagatgaa ggcaccagag aaaaagccat tggtgaagag agagaaacag gatgagacac     240
415 agaccaagat taaacgggca tctcagaaga agcacgtgaa cccggtgcag gccctcagcg     300
417 agttcaaagc tatggacagc atctaagtct gcccaggccg gccgccccca ccctcggggg     360
419 ctcctgaata tcagtcactg ttcgtcactc aaatgaattt gctaaataca acactgatac     420
421 tagattccac agggaaatgg gcagactgaa ccagtccagg tggtgaattt ccaagaaca      480
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 02/22/2007
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Input Set : E:\22327 Sequence Listing.txt
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Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:26; N Pos. 174,389
Seq#:32; N Pos. 36
Seq#:33; N Pos. 105,112,127,141
Seq#:40; N Pos. 35
Seq#:55; N Pos. 34,104,141,152,174,177,197,202,204,206,232,235,244,271,303
Seq#:55; N Pos. 312,315,349,354,384,389,400,407,415,423,499
Seq#:72; N Pos. 37,177
Seq#:86; N Pos. 297,298
Seq#:96; N Pos. 321,322
Seq#:122; N Pos. 231
Seq#:124; N Pos. 287
Seq#:156; N Pos. 277
Seq#:160; N Pos. 76
Seq#:163; N Pos. 66
Seq#:165; N Pos. 190,191,192,194,195,196,197,198,199,200,308
Seq#:191; N Pos. 182,475,514,515
Seq#:209; N Pos. 148
Seq#:216; N Pos. 57,58,59,183,303,305,316,389,404

VERIFICATION SUMMARY
PATENT APPLICATION: **US/10/575,649A**

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Input Set : **E:\22327 Sequence Listing.txt**
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L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:605 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:120
L:613 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:360
L:743 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0
L:774 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:60
L:776 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:120
L:935 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0
L:1294 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:0
L:1296 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:60
L:1298 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:120
L:1300 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:180
L:1302 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:240
L:1304 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:300
L:1306 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:360
L:1308 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:420
L:1310 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:480
L:1683 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:0
L:1687 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:120
L:2001 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:86 after pos.:240
L:2239 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:96 after pos.:300
L:2835 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:122 after pos.:180
L:2893 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:124 after pos.:240
L:3643 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:156 after pos.:240
L:3743 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:160 after pos.:60
L:3824 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:163 after pos.:60
L:3880 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:165 after pos.:180
L:3884 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:165 after pos.:300
L:4502 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:191 after pos.:180
L:4510 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:191 after pos.:420
L:4512 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:191 after pos.:480
L:4946 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:209 after pos.:120
L:5123 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:216 after pos.:0
L:5129 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:216 after pos.:180
L:5133 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:216 after pos.:300
L:5135 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:216 after pos.:360
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